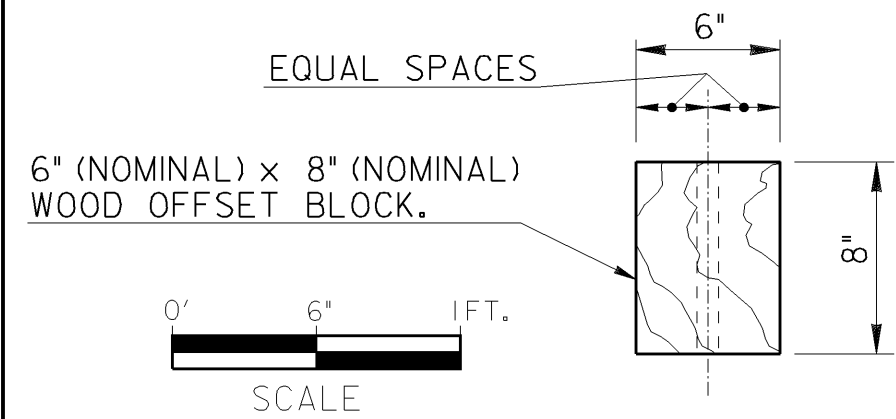
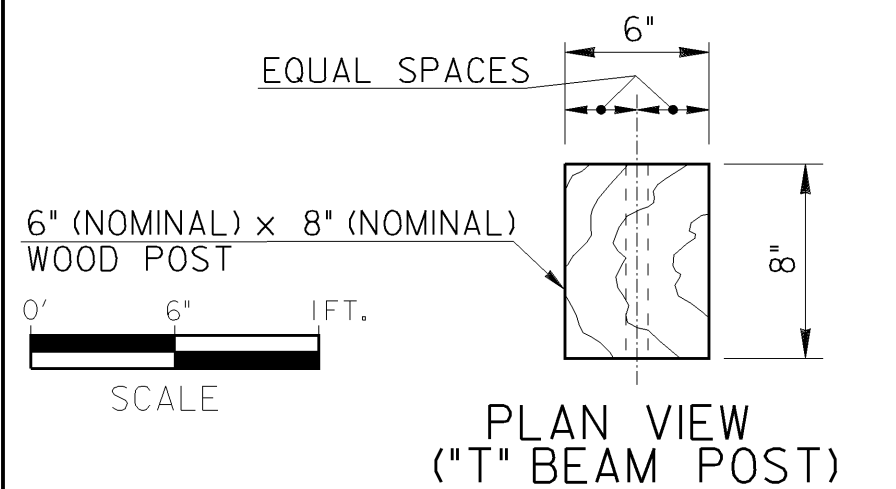
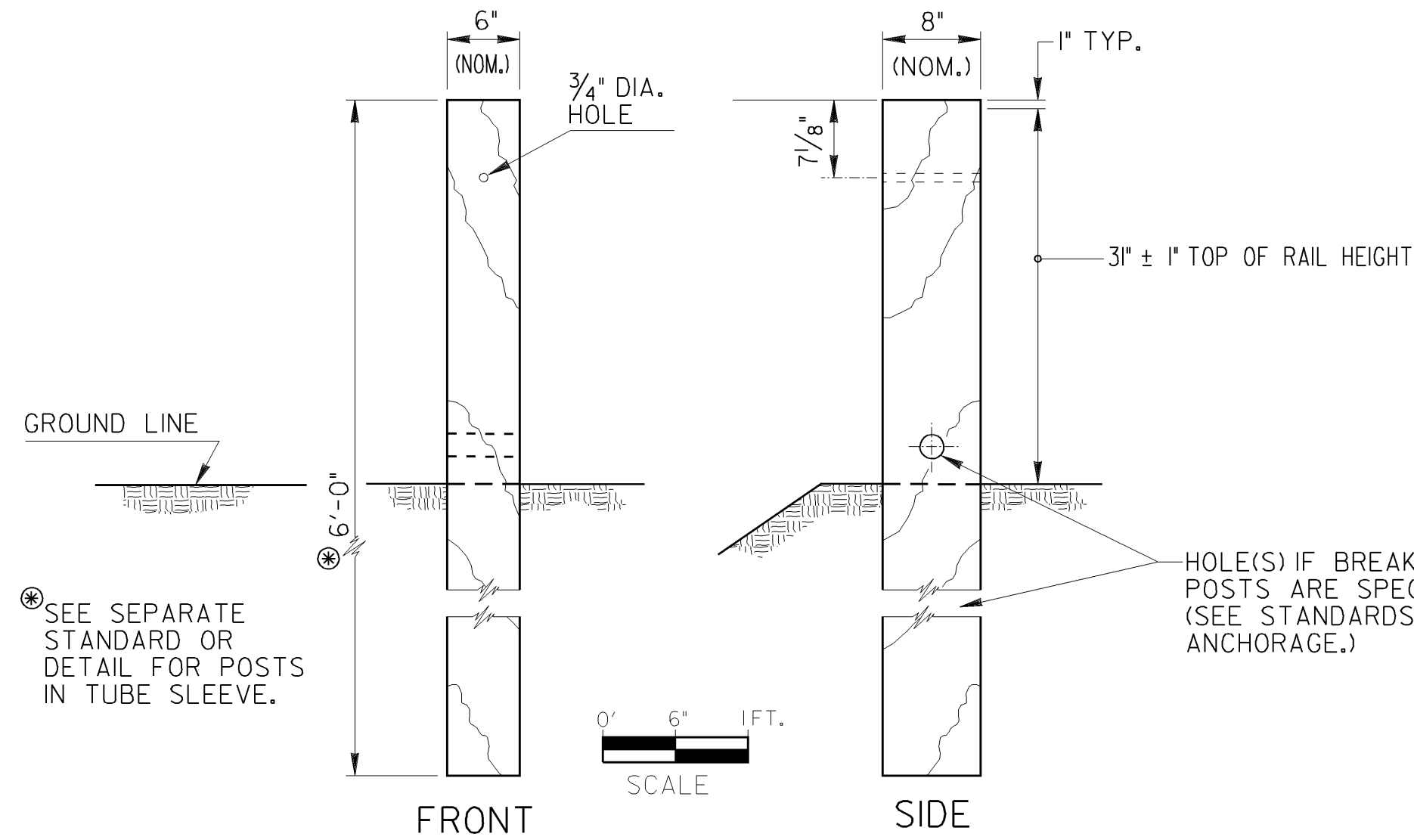


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

TYPE A WOOD POST (FOR "W" BEAM GUARDRAIL)

NOTE: WOOD POST ARE ALLOWABLE ONLY WHERE SPECIFIED.



PLAN VIEW
(FOR "W" BEAM
OFFSET BLOCK)

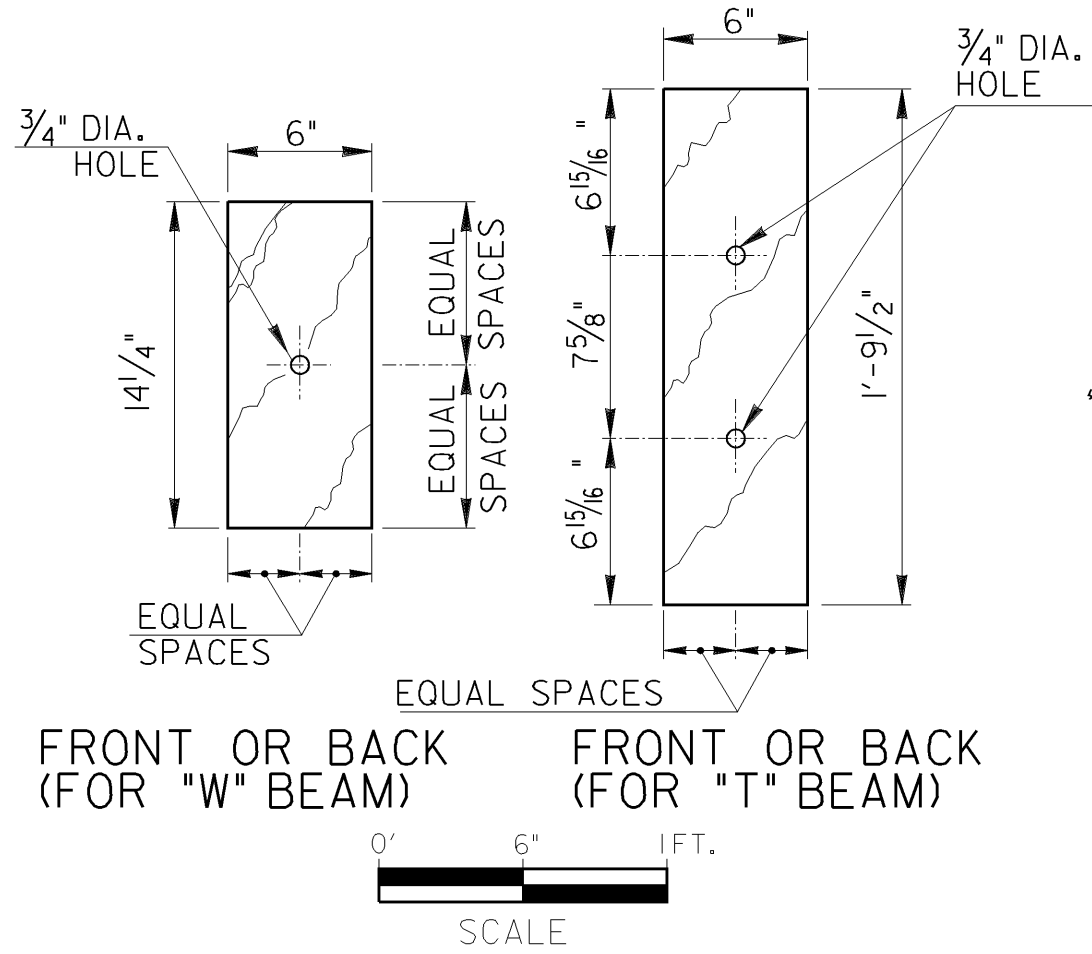
WOOD POSTS AND WOOD OFFSET BLOCKS
MAY BE ROUGH OR SURFACED.

DIMENSIONS FOR WOOD POSTS AND WOOD
OFFSET BLOCKS ARE NOMINAL IN ACCORDANCE
WITH ACCEPTED LUMBER INDUSTRY STANDARDS.

NOTE:
WHERE WOOD OFFSET BLOCK ON STEEL POST IS
PERMITTED IN "W" BEAM INSTALLATION, A NAIL OR
SCREW FROM POST TO WOOD IS REQUIRED TO
PREVENT ROTATION OF THE BLOCK.

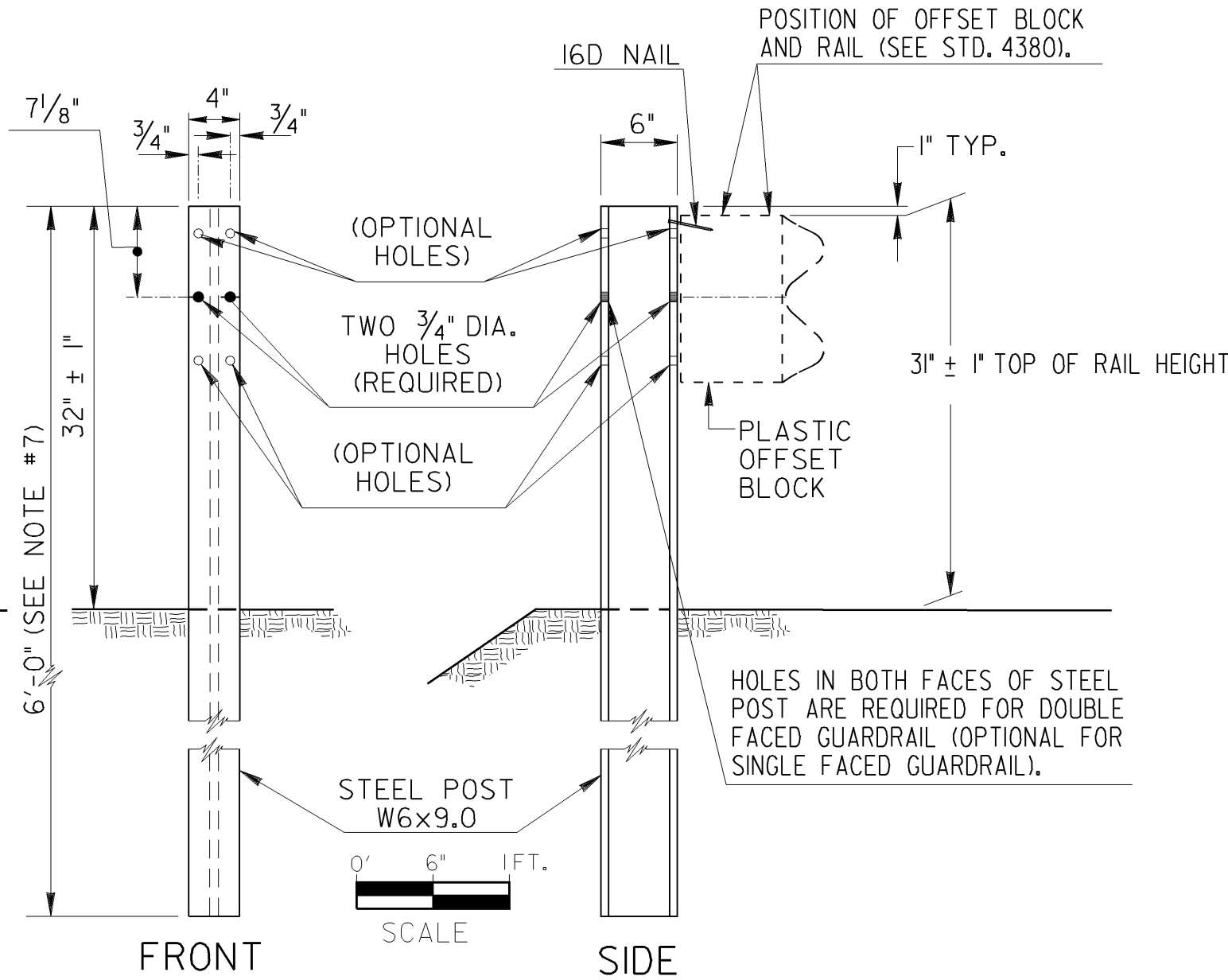
WOOD OFFSET BLOCKS

(WHERE PERMITTED, SEE NOTE 5(d))

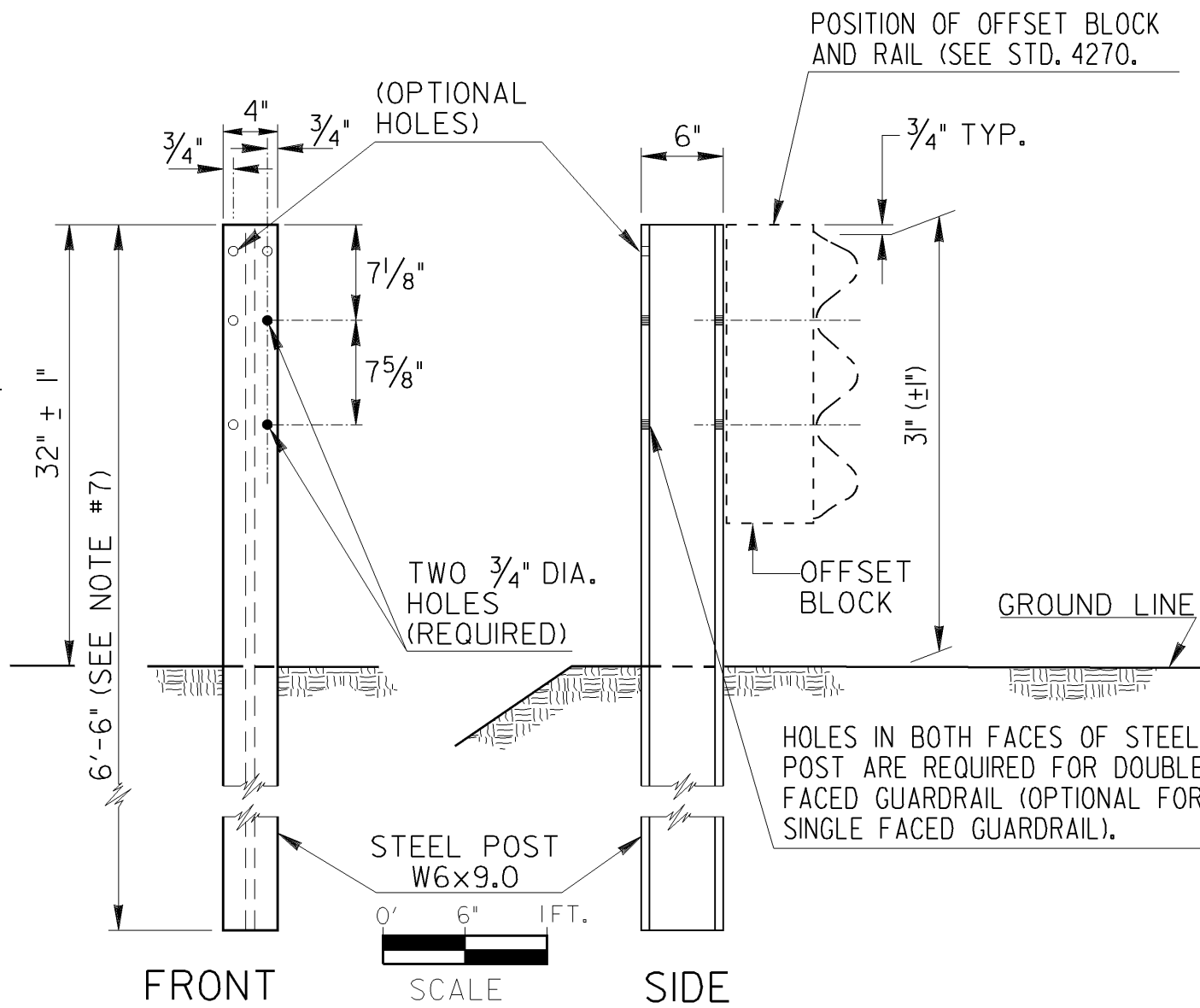


NOTE:
DIMENSIONS ARE SUBJECT TO
MANUFACTURER'S TOLERANCES.

TYPE D STEEL POST (FOR "W" BEAM GUARDRAIL)



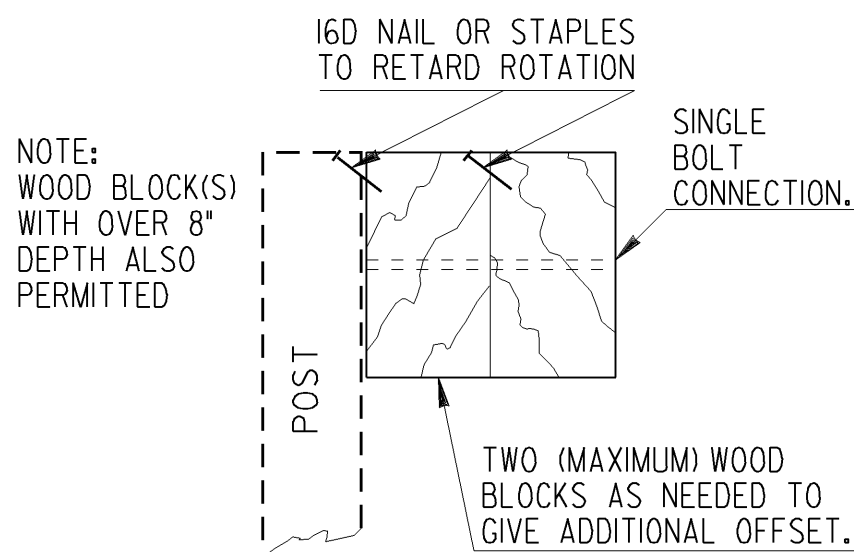
TYPE D-T STEEL POST (FOR "T" BEAM GUARDRAIL)



GENERAL NOTES:

1. SPECIFICATIONS GEORGIA STANDARD, CURRENT EDITION AND SUPPLEMENTS THERETO.
2. STEEL POSTS MAY BE EITHER ROLLED OR WELDED STRUCTURAL SHAPES. STEEL OFFSET BLOCKS SHALL BE ROLLED. WELDED POSTS SHALL BE SEAL WELDED BETWEEN WEB AND FLANGE BEFORE GALVANIZING.
3. WHERE WOOD POST OR WOOD OFFSET BLOCKS ARE PERMITTED, THE WOOD SHALL BE TREATED IN ACCORDANCE WITH GEORGIA STANDARD SPECIFICATIONS.
4. ALL BOLTS USED FOR FASTENING THE RAIL AND OFFSET BLOCKS TO WOOD POSTS SHALL HAVE SUFFICIENT LENGTH TO EXTEND AT LEAST 1/4" BEYOND THE FULL NUT, UP TO 3" BEYOND.
5. (a) "W" BEAM GUARDRAIL: ALL OFFSET BLOCKS SHALL BE 8" DEPTH PLASTIC BLOCKS EXCEPT FOR (d) BELOW.
(b) "T" BEAM GUARDRAIL: STANDARD INSTALLATION WILL USE 8" DEPTH PLASTIC BLOCKS UNLESS OTHERWISE APPROVED.
(c) 13 3/4" DEPTH MODIFIED STEEL OFFSETS MAY BE SPECIFIED WHERE JUSTIFIED FOR MORE SEVERE CONDITIONS. PAY ITEM IS --GUARDRAIL, TP T, MODIFIED OFFSET BLOCK-- PER LIN. FT.
(d) WOOD OFFSET BLOCKS MAY BE USED ONLY AT AN ISOLATED LOCATION WITHIN A RUN OF GUARDRAIL, WHERE OTHER BLOCK TYPES WOULD NOT PROVIDE PROPER FIT, AS DETERMINED BY THE ENGINEER OR SHOWN IN THE PLANS.
6. POSTS WILL BE SPACED AT 6'-3" C. TO C., UNLESS OTHERWISE NOTED.
7. ADDITIONAL LENGTH POSTS, WHERE SPECIFIED, SHALL BE 7'-0" AND 7'-6" LONG FOR "W" BEAM AND "T" BEAM GUARDRAILS RESPECTIVELY, WITH HOLES DIMENSIONED FROM THE POST-TOP THE SAME AS SHOWN.
8. 9'-0" POST REQUIRED IF GUARDRAIL INSTALLED ON A 2:1 SLOPE.
9. GROUT FILL SHALL BE A CONTROLLED LOW STRENGTH FLOWABLE FILL THAT HAS A MAXIMUM 28-DAY COMPRESSIVE STRENGTH OF 100 P.S.I. ACCORDING TO SPEC. 600.

ADDITIONAL DEPTH OFFSET BLOCKOUTS (FOR USE WHERE GREATER THAN STANDARD OFFSET IS SPECIFIED)

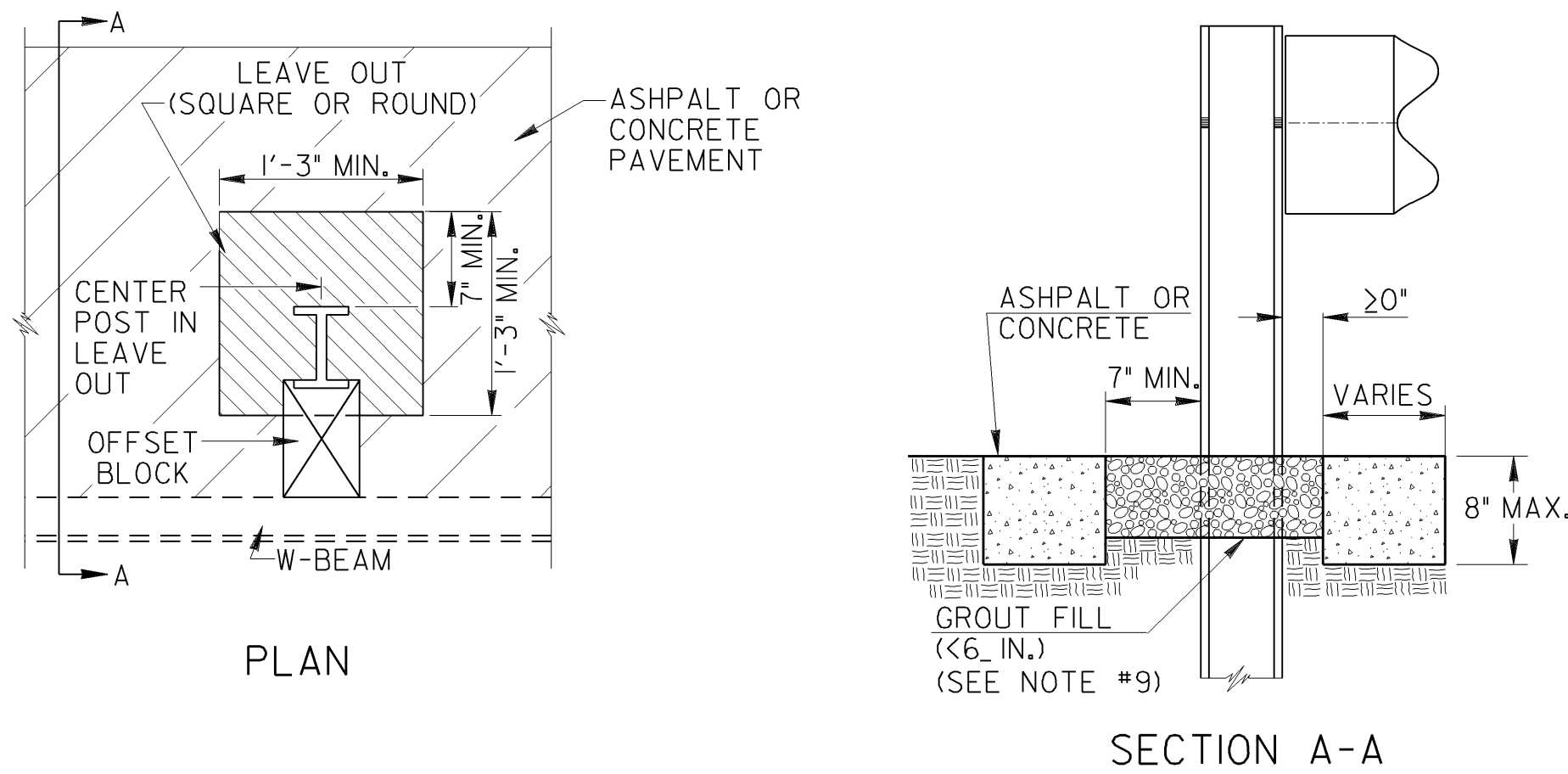


NOTE: ADDITIONAL DEPTH OFFSETS BELOW ARE SHOWN FOR "W" BEAM.
SIMILAR OFFSETS MAY BE APPLIED FOR "T" BEAM GUARDRAIL.

NOTE: ADDITIONAL DEPTH OFFSETS ARE PERMITTED
ONLY WHERE AN ISOLATED POST MUST BE
PLACED AT A GREATER THAN NORMAL OFFSET.

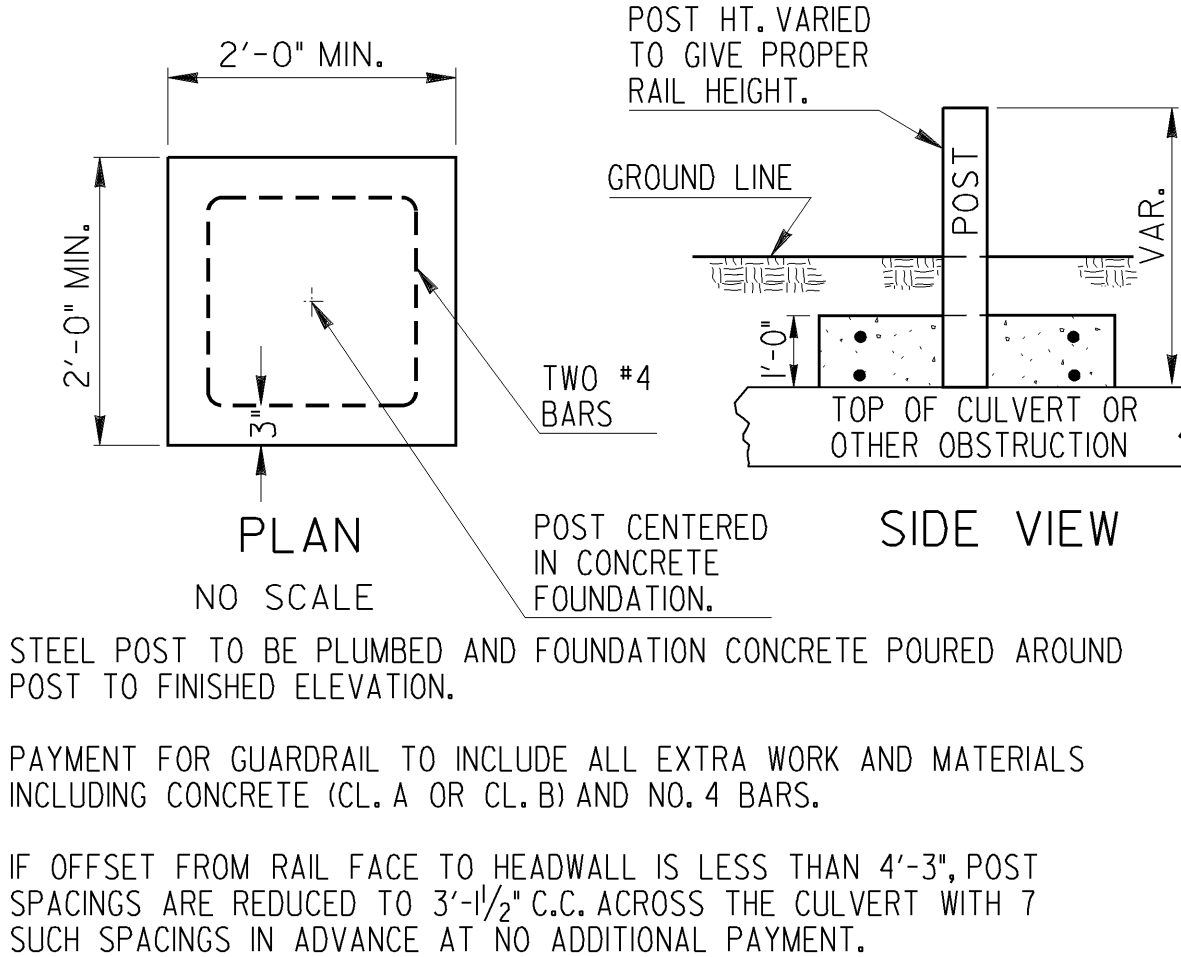
NOTE: FOR BLOCK CONNECTION TO POST AND TO RAIL SEE STD. 4380 OR 4385.

GUARDRAIL POST DETAILS IN ASPHALT OR CONCRETE PAVEMENT APPLICATIONS

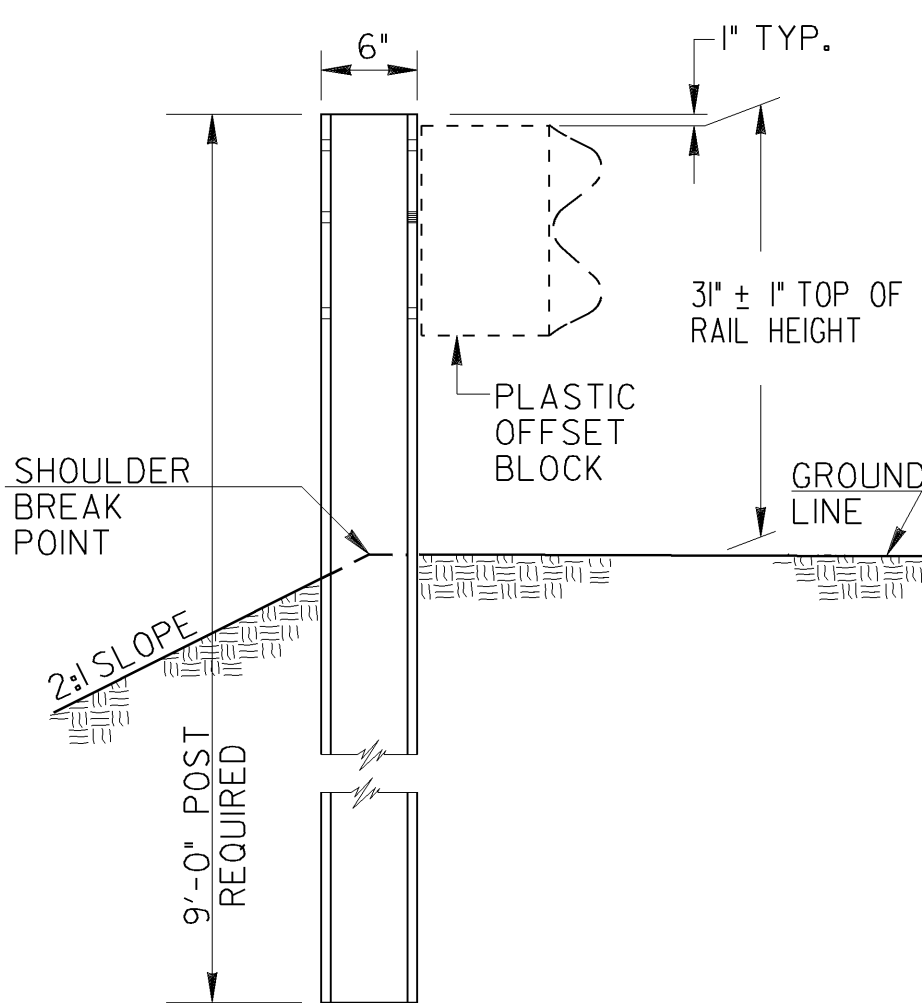


CONCRETE FOUNDATION FOR POST IN SHALLOW FILLS OVER CULVERTS OR OTHER OBSTRUCTIONS

(NOTE: PLATE MOUNTED POST MAY BE USED AS AN ALTERNATE, SEE SEPARATE SHEET).



2:1 SLOPE DETAIL



1-29-16		DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REV. 4-BM BLOCK TO 8" DEPTH ADDED MOW STRIP/RIGID PAV.		INSTALLATION DETAILS		STANDARD POSTS AND OFFSET BLOCKS FOR "W" & "T" BEAM GUARDRAIL 31 INCH GUARDRAIL HEIGHT SCALE: AS SHOWN AUGUST 2011	
BY		REVISION			
FSB	DES. G.L.O. DRW. G.L.O. CHK. B.R.E. VIEW B.A.S.	(SUBMITTED) <i>[Signature]</i> STATE DESIGN POLICY ENGINEER (APPROVED) <i>[Signature]</i> CHIEF ENGINEER		NUMBER 4381	